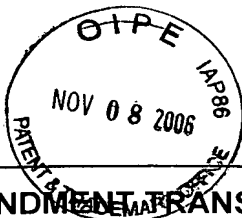


09/818,954  
Response dated November 7, 2006  
Reply to Final Rejection dated June 23, 2006



11-9-06

A-676B

TE  
\$115

FEE AUTHORIZATION / AMENDMENT TRANSMITTAL				Attorney's Docket No: A-676B		
Serial No. 09/818,954	Filing Date March 27, 2001	Examiner L. Spector, Ph.D.	Group Art Unit 1647			
In Re Application of Paszty <i>et al.</i>						
For BETA-LIKE GLYCOPROTEIN HORMONE POLYPEPTIDE AND HETERODIMER						
TO THE COMMISSIONER FOR PATENTS:						
<input checked="" type="checkbox"/> Applicant(s) request(s) the following extension of time under 37 CFR 1.136(a):						
<input type="checkbox"/> One month of original due date (\$120.00)						
<input checked="" type="checkbox"/> Two months of original due date (\$450.00)						
<input type="checkbox"/> Three months of original due date (\$1,020.00)						
<input type="checkbox"/> Four months of original due date (\$1,590.00)						
<input type="checkbox"/> Five months of original due date (\$2,160.00)						
<input checked="" type="checkbox"/> A response in connection with the matter for which this extension is requested:						
<input checked="" type="checkbox"/> is filed herewith.						
<input type="checkbox"/> has been filed.						
<input type="checkbox"/> The response is the filing of a continuing application, the prior application having an express abandonment conditioned on the granting of a filing date to the continuing application.						
<input type="checkbox"/> The accompanying papers include amended claims for which no additional fee is required.						
<input type="checkbox"/> The accompanying papers include amended claims the fee for which has been calculated as follows:						
CLAIMS AS AMENDED						
(1)	(2) Claims remaining After amendment	(3)	(4) Highest number Previously paid for	(5) No. of Extra claims present	(6) Rate	(7) Additional Fee
Total Claims		Minus	=	0	x \$50	= \$ 0.00
Indep. Claims		Minus	=	0	x \$200	= \$ 0.00
<input type="checkbox"/> First Appearance of a multiple dependent claim					+	\$360
Total Additional Fee for this Amendment						\$ 0.00
* If the entry in column 2 is less than the entry in column 4, write "0" in column 5.						
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.						
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.						
The "Highest No. Previously Paid For" (Total or Indep.) is the highest number found in the appropriate box in Col 1. of a prior amendment or the number of claims originally filed.						
<input type="checkbox"/> The following other fees are incurred by the accompanying papers.						
<input type="checkbox"/> Other: _____						
<input checked="" type="checkbox"/> Please charge Deposit Account No. 01-0519 in the name of Amgen Inc. in the amount of \$450.00. A duplicate copy of this petition is attached.						
<input checked="" type="checkbox"/> If an additional extension of time is required, please consider this a request therefore.						
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees, which may be required by the accompanying papers, or credit any overpayment to Deposit Account No. 01-0519.						
Please Send Future Correspondence To:						
<b>21069</b>						
U.S. Patent Operations/[JAL]						
Dept. 4300, M/S 28-2-C						
Thousand Oaks, California 91320-1799, USA						
				 John A. Kamardin Attorney for Applicants Registration No: 44,858 Phone: (805) 313-6398 Date: November 7, 2006		

EXPRESS MAIL CERTIFICATE

\*Express Mail\* mail labeling number: EL 732698769 US

Date of Deposit: November 7, 2006

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22304-1450.

Dee Dee Sutherland

Printed Name

Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Paszty *et al.*

Serial No.: 09/818,954

Filed: March 27, 2001

For: NUCLEIC ACID MOLECULES ENCODING BETA-LIKE GLYCOPROTEIN  
HORMONE POLYPEPTIDES AND HETERODIMERS THEREOF



Group Art Unit No.: 1647

Examiner: Spector, L.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT UNDER 37 C.F.R. 3.73(b)**

Amgen Inc. (hereinafter "Amgen"), a corporation of the State of Delaware having a place of business at One Amgen Center Drive, Thousand Oaks, California, 91320, is the assignee of the entire right, title, and interest in the above-identified U.S. patent application. Documentary evidence of a chain of title from the original owner(s) to Amgen is demonstrated by:

- ☐ the enclosed copy of an Assignment is being filed for recordation by the United States Patent and Trademark Office.  
OR  
☒ the assignment recorded in the United States Patent and Trademark Office at Reel 011720 Frame 0431.

The undersigned, whose title is supplied below, is empowered to sign this statement on behalf of Amgen.

**POWER OF ATTORNEY BY ASSIGNEE**

Amgen hereby appoints the registered practitioners at Customer Number **21069** to prosecute this application, to make and to transact all business in the Patent and Trademark Office connected therewith.

**REQUEST FOR CHANGE OF CORRESPONDENCE ADDRESS**

Please send all future correspondence and direct telephone calls to Customer Number **21069**

Respectfully submitted,

Date 7 November 2006

By

Stuart L. Watt  
Stuart L. Watt

Title Vice President, Law

Enclosure: Copy of Assignment

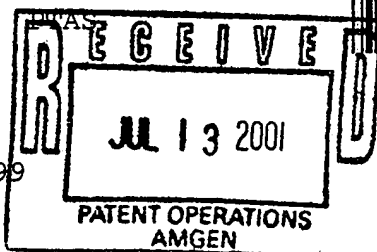


UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 09, 2001

U.S. PATENT OPERATIONS/RJM  
DEPT. 4300, M/S 27-4-A  
AMGEN INC.  
ONE AMGEN CENTER DRIVE  
THOUSANDS OAKS, CA 91320-1799



\*101690914A\*

A-476B

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/27/2001

REEL/FRAME: 011720/0431  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PASZTY, CHRISTOPHER J.R.

DOC DATE: 03/21/2001

ASSIGNOR:

CAO, JIN

DOC DATE: 03/21/2001

ASSIGNOR:

DANILENKO, DIMITRY M.

DOC DATE: 03/21/2001

ASSIGNOR:

GONG, JIANHUA

DOC DATE: 03/21/2001

ASSIGNOR:

HILL, DAVID C.

DOC DATE: 03/21/2001

ASSIGNEE:

AMGEN INC.  
DEPT. 4300, M/S 27-4-A, ONE AMGEN  
CENTER DRIVE  
THOUSAND OAKS, CALIFORNIA  
91320-  
1799

011720/0431 PAGE 2

SERIAL NUMBER: 09818954  
PATENT NUMBER:

FILING DATE: 03/27/2001  
ISSUE DATE:

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

04-27-2001.



## RECORDATION FORM COVER SHEET

U.S. Department of Commerce  
Patent and Trademark Office

## PATENTS ONLY

Docket No.: A-676B

101690914

Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Christopher J.R. Paszty, Jin Cao, Dmitry M. Danilenko, Jianhua Gong, and David C. Hill  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <u>Amgen Inc.</u>  Internal Address: <u>Dept. 4300, M/S 27-4-A</u>  Street Address: <u>One Amgen Center Drive</u>  City: <u>Thousand Oaks</u> State: <u>CA</u> Zip: <u>91320-1799</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other <input checked="" type="checkbox"/> Merger <input type="checkbox"/> Change of Name Execution Date: <u>March 21, 2001</u>		4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>March 21, 2001</u> A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>U.S. Patent Operations/ RJM</u> Internal Address: <u>Dept. 4300, M/S 27-4-A</u> <u>AMGEN INC.</u> Street Address: <u>One Amgen Center Drive</u> City: <u>Thousand Oaks</u> State: <u>CA</u> Zip: <u>91320-1799</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) .....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account. 8. Deposit account number: <u>01-0519</u> <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional filing fees which may be required or credit any overpayment to Deposit Account No. 01-0519	
DO NOT USE THIS SPACE			
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>Richard J. Mazza</u> <u>Richard J. Mazza</u> <u>MARCH 27, 2001</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: <u>7</u>			

04/24/2001 AAHMD1 0000058 010519 09815954

01 PD:581 40.00 CH

## EXPRESS MAIL CERTIFICATE

"Express Mail" mail labeling number:

EL360690500US

Date of Deposit:

March 27, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Lynne Buchsbaum  
Printed NameLynne Buchsbaum  
Signature

# ASSIGNMENT

Whereas, we, Christopher J. R. Paszty, 1027 Westridge Drive, Ventura, California 93003

Jin Cao, 5731 Etiwanda Avenue, No. 5, Tarzana, California 91356

Dimitry M. Danilenko, 750 Rolling Oaks Drive, Thousand Oaks, California 91361

Jianhua Gong, 2489 Girlington Circle, Thousand Oaks, California 91362

David C. Hill, 998 Calle Castano, Thousand Oaks, California 91360

have made an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

BETA-LIKE GLYCOPROTEIN HORMONE POLYPEPTIDE AND HETERODIMER

which is found in:

- ☒ (a) the US Patent Application executed on even date herewith;
- ☐ (b) the US Patent Application executed on \_\_\_\_\_
- ☐ (c) US Application Serial No.: \_\_\_\_\_ filed on \_\_\_\_\_
- ☐ (d) US Patent No.: \_\_\_\_\_

Whereas AMGEN INC., a Delaware corporation having its principal place of business at One Amgen Center Drive, Thousand Oaks, California 91320-1799, wishes to acquire the entire interest in all inventions disclosed in such Application:

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over unto AMGEN INC., its successors and assigns (collectively "AMGEN") our entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for such inventions, or any of them, including divisional, continuation, and/or continuation-in-part applications based on the above-identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by AMGEN for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

Further, we hereby sell, assign, transfer, and set over unto AMGEN our entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to the Application and which are deposited by us or at our direction or deposited on our behalf by Amgen, its affiliates, employees or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, our unreserved and irrevocable consent and authorization to AMGEN to refer to the deposited microorganisms(s) or other biological materials(s) in the Application and the right to make available to the public the deposited material in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

We authorize and request the Commissioner of Patents and Trademarks of the United States to issue any such Letters Patent which may be granted on the Application to AMGEN as assignee of the entire right, title and interest therein and thereto.

For ourselves and for our legal representatives, we covenant and agree with AMGEN that we have not granted to any others any license to make, use or sell any of such inventions, that our right title and interest in such inventions has not been encumbered, that we have good right and title to sell and assign the same, and that we will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we further covenant and agree with AMGEN that upon request we and they will: (i) execute continuing, divisional or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to AMGEN any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigations; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for AMGEN, may be necessary or desirable to secure the grant of Letters Patent to AMGEN or its nominees, in the United States and in all other countries where AMGEN may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for AMGEN and to vest and confirm in AMGEN or its nominees, the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid but at the expense of AMGEN.

In Witness Whereof I have executed this assignment on the 21 day of March 2001

\_\_\_\_\_  
Christopher J. R. Paszty  
(Name of Inventor)

\_\_\_\_\_  
*Christopher J. R. Paszty*  
(Signature of Inventor)

# UNITED STATES OF AMERICA

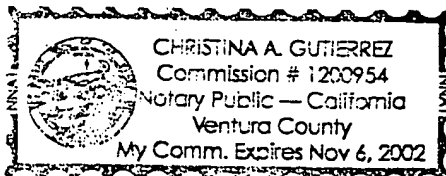
State of California }  
County of Ventura } ss:

March 21 2001

Before me, a Notary Public for Ventura County, State of California, personally appeared \_\_\_\_\_

Christopher J. R. Paszty

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

\_\_\_\_\_  
*Christina A. Gutierrez*  
Notary Public

My commission expires

November 6 2002

In Witness Whereof I have executed this assignment on the 21 day of March 2001

Jin Cao  
(Name of Inventor)

[Signature]  
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }  
County of Ventura } ss:

March 21 2001

Before me, a Notary Public for Ventura County, State of California, personally appeared \_\_\_\_\_

Jin Cao

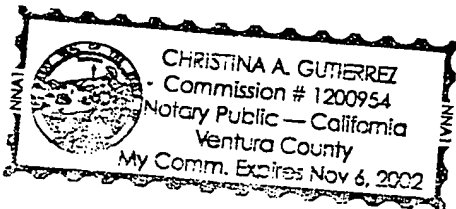
☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Christina A. Gutierrez  
Notary Public

My commission expires

November 6 2002





In Witness Whereof I have executed this assignment on the 21 day of March 2001

Jianhua Gong  
(Name of Inventor)

Jianhua Gong  
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }  
County of Ventura } ss:

March 21 2001

Before me, a Notary Public for Ventura County, State of California, personally appeared

Jianhua Gong

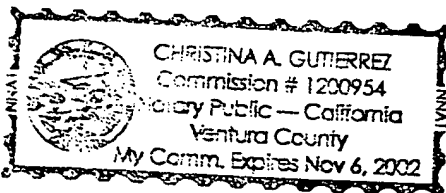
☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Christina A. Gutierrez  
Notary Public

My commission expires

November 6 2002



In Witness Whereof I have executed this assignment on the 21 day of MARCH 2001

David C. Hill  
(Name of Inventor)

[Signature]  
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }  
County of Ventura } ss:

March 21 2001

Before me, a Notary Public for Ventura County, State of California, personally appeared

David C. Hill

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that ~~he~~<sup>she</sup> executed the same in ~~his~~<sup>her</sup> authorized capacity, and that by ~~his~~<sup>her</sup> signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Christina A. Gutierrez  
Notary Public

My commission expires

November 6 2002

